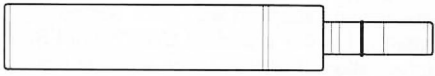
2/04
5400-015-700 Rev-C

CORE

Consolidated Operating Room Equipment

MicroDrill

REF 5400-15



CE 0197

US Patents: 5,543,695
5,689,159
6,017,354
6,329,778
6,752,816
and other Patents Pending

stryker®
INSTRUMENTS
4100 E. Milham
Kalamazoo, Michigan
(USA) 49001
269-323-7700
1-800-253-3210

European Authorized Rep:
RA/QA Manager
Stryker France
ZAC Satolas Green Pusignan
Av. de Satolas Green
69881 MEYZIEU Cedex
France

Important Information

File in your maintenance records

Intended Use

The MicroDrill is intended for use with the Consolidated Operating Room Equipment (CORE) System. When used with a variety of attachments, the handpiece is intended for surgical procedures involving drilling, reaming, and cutting bone and hard tissue. This handpiece may also be used with the Total Performance System (TPS).

User/Patient Safety*

⚠ WARNINGS:

- Before using this component or any component compatible with this system, read and understand the instructions supplied with each component. Pay special attention to the important User/Patient Safety information. Familiarization with the system components prior to use is important. Failure to comply may result in patient and/or operating room staff injury or damage to components.
- The surgeon performing any procedure is responsible for determining the appropriateness of this instrument and the specific technique for each patient. Stryker, as a manufacturer, does not recommend surgical technique.
- Clean and sterilize handpieces and attachments before first and every use. See the *CORE Cleaning, Maintenance, and Sterilization Recommendations* for care instructions.
- Prior to use, operate the components and inspect for damage. Do not use if damage is apparent.
- All cutting accessories are intended for single use only. Reuse significantly increases wear on the handpiece and attachment. Failure to comply may result in patient and/or operating room staff injury.

*For further information, contact your Stryker Instruments sales representative or Customer Service at 1-800-253-3210. Outside the USA, contact your nearest Stryker subsidiary.

Accessory Information

WARNING:

- Use only Stryker approved components and accessories unless otherwise specified. DO NOT modify any accessory to fit a handpiece. Contact your Stryker sales representative for a complete list of accessories. Failure to comply may result in patient and/or operating room staff injury.

A variety of specialized attachments are available for use with the MicroDrill. Each specialized attachment is supplied with specific instructions.

DESCRIPTION	REF
Straight Attachment	5100-15-40
Long Straight Attachment	5100-15-41
Angled Attachment	5100-15-42
4:1 Straight Reducer Attachment	5100-15-43
Portmann Attachment	5100-15-44
Long Angled Attachment	5100-15-45
MIS Attachment	5100-15-48
Straight Attachment	5100-15-250
Medium Angled Attachment	5100-15-252
Long Straight Attachment	5100-15-270
Long Angled Attachment	5100-15-272
1:1 Contra-Angle Head	260-901-20
1:1 Reducer Attachment	260-901-21
16:1 Reducer Attachment	260-901-23
64:1 Reducer Attachment	260-901-24
256:1 Reducer Attachment	260-901-25
1024:1 Reducer Attachment	260-901-26

⚠ WARNINGS:

- DO NOT attempt to insert or remove any cutting accessory or attachment while the handpiece is operating. Failure to comply may result in operating room staff injury.
- Monitor heavy sideloads and/or long operating periods to prevent overheating of the distal tip and body of the handpiece. Failure to comply may result in patient and/or operating room staff injury.
- Ensure the cutting accessory is fully locked in the handpiece to prevent friction (heat) between the accessory and attachment. Failure to comply may result in patient and/or operating room staff injury.

To install an attachment and cutting accessory:

1. Push and twist the attachment onto the handpiece until it snaps into place (figure 1).

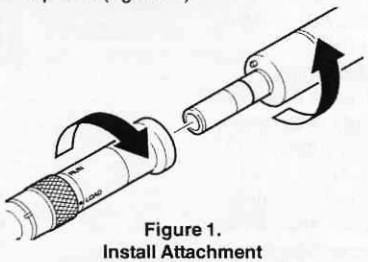


Figure 1.
Install Attachment

2. Gently tug on the attachment to ensure that it is properly seated.

NOTE: Although properly seated, a small gap will exist between the attachment and handpiece due to the anti-rotation pin. If the gap is not greater than 0.025 in. [0.65 mm] wide, it will not hinder the function of the handpiece or attachment.

3. Rotate the attachment's lock collar to the LOAD position.
4. Insert the cutting accessory into the attachment with a twisting motion until it bottoms (figure 2).

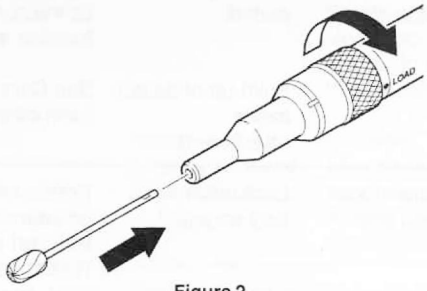


Figure 2.
Install Cutting Accessory

5. Rotate the lock collar to the RUN position (figure 3).
6. Gently tug on the cutting accessory to ensure that it is locked into place.

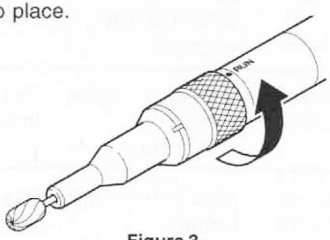


Figure 3.
Lock Cutting Accessory

To remove the cutting accessory and attachment:

1. Rotate the lock collar to the LOAD position (figure 4).
2. Pull the cutting accessory straight out of the attachment.
3. Grasp the attachment and pull it away from the handpiece.

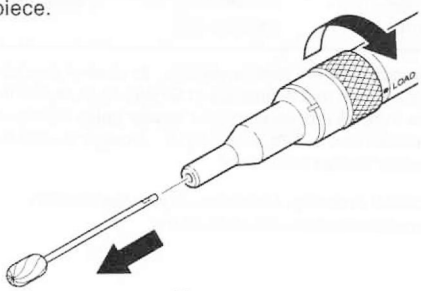
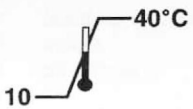
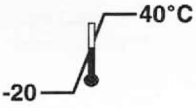
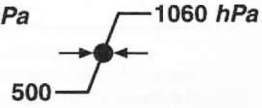


Figure 4.
Remove Cutting Accessory

Specifications*

Model:	MicroDrill REF 5400-015
Size:	4.8 in [123 mm] length 0.78 in [20 mm] diameter
Weight:	0.29 lbs. [0.13 kg]
Speed:	50,000 RPM
Approval:	CE 0197
Duty Cycle: Cycle Time: Cycle Frequency: Break Between Cycles:	 20 seconds on/ 20 seconds off 10 times 30 minutes
Equipment Type:	 Type BF Applied Part
Enclosure Protection:	IPXO Ordinary Equipment

Environmental Conditions:	**Operation**	**Storage and Transportation**
Temperature:		
Relative Humidity:		
Atmospheric Pressure:		

*Specifications listed are approximate and may vary slightly from unit to unit.

Euro. equiv. 5400-015-713 Rev-
Japanese equiv. 5400-015-720 Rev-
N. Euro. equiv. 5400-015-730 Rev-
Polish equiv. 5400-015-750 Rev-